

MATERIALS LICENSE

Amendment No. 07

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. ICF Kaiser Engineers, Inc.

2. 4 Gateway Center, 12th Floor
Pittsburgh, Pennsylvania 15222-1207In accordance with letter dated
August 12, 1992,3. License number 37-19341-01 is amended in
its entirety to read as follows:

4. Expiration date May 31, 1996

5. Docket or
Reference No 030-174586. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license

A. Cesium 137

A. Sealed sources

A. Not to exceed 10
millicuries per source
and 100 millicuries total

B. Americium 241

B. Sealed neutron sources

B. Not to exceed 50
millicuries per source
and 500 millicuries total

9. Authorized use

A. and B. For possession and use in Troxler Electronic Laboratories, Inc., Campbell Pacific Nuclear Corp., Humbolt Scientific, Inc., Seaman Nuclear Corporation, or Soiltest, Incorporated devices which have been evaluated and approved for licensing purposes under a license issued by the Nuclear Regulatory Commission or an Agreement State.

CONDITIONS

10. Licensed material may be used at the licensee's facilities at 2793 Noblestown Road, Pittsburgh, Pennsylvania and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. A. Licensed material shall be used by, or under the supervision and in the physical presence of David R. Brent, or individuals who have successfully completed the manufacturer's training program for gauge users and who have been designated by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.

B. The Radiation Safety Officer for this license is David R. Brent.

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PDR ADUCK 03017458
C PDR

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

37-19341-01

Docket or Reference number

030-17458

Amendment No. 07

(Continued)

CONDITIONS

12. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed 3 years.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources and detector cells need not be leak tested if:
- (i) they contain only hydrogen 3; or
 - (ii) they contain only a gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source involved, the test results, and corrective action taken.

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SUPPLEMENTARY SHEET

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(13. continued)

CONDITIONS

- G. The licensee is authorized to collect leak test samples for analysis by Troxler Electronic Laboratories, Inc. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
14. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory.
16. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container shall be locked when in transport or when not under the direct surveillance of an authorized user.
17. The licensee shall not acquire licensed material in a sealed source or in a device that contains a sealed source unless the source or device has been registered with the Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.
18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated March 25, 1985
B. Letter dated December 2, 1985
C. Letter dated January 26, 1987
D. Letter dated November 26, 1990
E. Letter dated August 12, 1992

For the U.S. Nuclear Regulatory Commission

Original Signed By:

By JoAnn V. Stambaugh

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

Date OCT 27 1992

OCT 27 1992

License No. 7-19341-01
Docket No. 030-17458
Control No. 117057

ICF Kaiser Engineers, Inc.
ATTN: David R. Brent
Radiation Safety Officer
4 Gateway Center, 12th Floor
Pittsburgh, Pennsylvania 15222-1207

Dear Mr. Brent:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5093, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

ICF Kaiser Engineers, Inc.

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We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:
JoAnn V. Stambaugh

JoAnn V. Stambaugh
Nuclear Materials Safety Branch
Division of Radiation Safety
and Safeguards

Enclosures:

1. Amendment No. 07
2. Requirements for Materials Licensees
3. NRC Forms 3 and 313

DRSS:RI
Stambaugh/cmm

10/26/92

DATE

12/19/92

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME

4:00

☐ A.M.
☒ P.M.

☐ INCOMING CALL

☐ OUTGOING CALL

☐ VISIT

PERSON CALLING

J. Stanbaugh

OFFICE/ADDRESS

NRC Region I

PHONE NUMBER

EXTENSION

6904

PERSON CALLED

David Breat

OFFICE/ADDRESS

ICF Kaiser Engineers

PHONE NUMBER

EXTENSION

(412) 497-2319

CONVERSATION

SUBJECT

Lic Amend.

SUMMARY

Name change only owners have remained the same.
There are no changes the name is being changed
back to original company name.

REFERRED TO:

ACTION REQUESTED

None

ACTION TAKEN

☐ ADVISE ME OF
ACTION TAKEN.

INITIALS

DATE

INITIALS

DATE

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**ICF KAISER
ENGINEERS**

030-17458

ICF KAISER ENGINEERS, INC.
FOUR GATEWAY CENTER
PITTSBURGH, PENNSYLVANIA 15222-1207
412/497-2000

August 12, 1992

U.S. Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, Pennsylvania 19406

Gentlemen:

This letter is to request an amendment to SRW Associates' Materials License No. 37-19341-01. We have changed our company name to ICF Kaiser Engineers. Our mailing address is:

ICF Kaiser Engineers, Inc.
4 Gateway Center, 12th Flr.
Pittsburgh, PA 15222-1207

Our storage facility remains at 2793 Noblestown Rd., Pittsburgh, PA 15205. Enclosed is the amendment fee of \$ 350.00. If you have any questions or need additional information, please do not hesitate to contact us at the above address or by phone (412) 497-2319.

Very truly yours,

ICF KAISER ENGINEERS, INC

David R. Brent
David R. Brent

U.S. NUCLEAR
COMMISSION

92 SEP -6 AM 5:50

Log	Sept 4 I
Remitter	ICF International, Inc.
Check No.	00178571
Amount	\$350
Fee Category	3P
Type of Fee	AMU
Date Check Rec'd	
Date Completed	9/17/92
By	<i>[Signature]</i>

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Postmarked 8/19/92

117057

AUG 25 1992

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03121
STATUS CODE: 0
FEE CATEGORY: 3P
EXP. DATE: 19960531
FEE COMMENTS: -----
DECOM FIN ASSUR REQD: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: ICF KAISER ENGINEERS, INC.
RECEIVED DATE: 920825
DOCKET NO: 3017458
CONTROL NO.: 117057
LICENSE NO.: 37-19341-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$380.00
CHECK NO.: 00178571

3. COMMENTS

SIGNED
DATE

Rebecca J. Brown
9/1/92

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 11/1)

1. FEE CATEGORY AND AMOUNT: 3P \$380

2. CORRECT FEE PAID. / APPLICATION MAY BE PROCESSED FOR:

AMENDMENT -----
RENEWAL -----
LICENSE -----

3. OTHER -----

SIGNED
DATE

RBrown
9/1/92